



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
MINORU MORIOKA, et al. : EXAMINER: ZACHARIA,
RAMSEY E
SERIAL NO.: 10/634,877 :
FILED: AUGUST 6, 2003 : GROUP ART UNIT: 1773
FOR: PELLICLE

DECLARATION UNDER 37 CFR 1.132

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Now comes Ikuo Matsukura who deposes and says:

1. I am one of the co-inventors of the above-identified application.
2. I have worked on the following experiment to prove that the fluoropolymer of the Matsukura reference (US 2001/24701A1) is not included in the claimed scope of the present application.

EXAMPLE 1: Preparation Example for fluoropolymer (A)

(In accordance with Example 1 of the Matsukura reference)

1.7 g of 1,1,2,4,4,5,5-heptafluoro-3-oxa-1,6-heptadiene $[\text{CH}_2=\text{CHCF}_2\text{CF}_2\text{OCF}=\text{CF}_2]$ and 3.1 g of trichlorotrifluoroethane were put into a glass sealing tube and having an internal capacity of 10 ml. As a polymerization initiator, 1.5 mg of bis(heptafluorobutyryl) peroxide was added. The interior of the system was flushed with nitrogen, the tube was then sealed, and polymerization was carried out at 18-20°C for 10 hours. As a result, 1.6 g of an amorphous polymer having a fluorine-containing ring structure in its main chain (hereinafter referred to as polymer (A)) was obtained.

NMR spectrum (600 MHz) of polymer (A) was measured, whereby H signal observed on the higher magnetic field side than 2.8 ppm, was 6.4 mol% based on the total hydrogen atoms.

3. The undersigned petitioner declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

4. Further declarants saith not.

Respectfully submitted,

Oct 18 / 2004
Date

Ikuo Matsukura
Ikuo Matsukura